

What is claimed is:

1. A liquid crystal display device manufacturing method comprising the steps of:

5 forming a sealing member along a periphery of a display area on a first surface of a first substrate;

10 dropping a liquid crystal to the first surface of the first substrate from a liquid crystal supply needle provided to a syringe in which the liquid crystal is filled; and

15 dropping down the liquid crystal, that is adhered to a surface of the liquid crystal supply needle, onto the first substrate by an external force in a middle of dropping of the liquid crystal or after the liquid crystal is dropped.

2. A liquid crystal display device manufacturing method according to claim 1, wherein the external force is generated by blowing a gas against the liquid crystal supply needle.

20 3. A liquid crystal display device manufacturing method according to claim 2, wherein a method of blowing the gas against the liquid crystal supply needle is a method of blowing the gas against the liquid crystal supply needle from an air supply
25 needles that are arranged around the liquid crystal supply needle.

4. A liquid crystal display device

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manufacturing method according to claim 1, wherein the external force is generated by static electricity of the substrate obtained by charging the substrate.

5 5. A liquid crystal display device manufacturing method according to claim 1, wherein the liquid crystal in the syringe is pushed out into the liquid crystal supply needle by a plunger that is pushed mechanically, or is pushed out into the
10 liquid crystal supply needle by an air pressure.

6. A liquid crystal display device manufacturing method comprising the steps of:

forming a sealing member along a periphery of a display area on a first surface of a first
15 substrate;

dropping a liquid crystal to the first surface of the first substrate at a stroke from a top end of a liquid crystal supply needle, that is provided to a lower end of a syringe in which the liquid crystal
20 is filled, by a defined amount at a dropping speed that causes the liquid crystal not to leave finally on a surface of the liquid crystal supply needle; and

supplying the liquid crystal into the syringe by
25 the defined amount.

7. A liquid crystal display device manufacturing system comprising:

a syringe arranged over the loading table and filled with a liquid crystal;

a piston inserted movably in the syringe;

5 a liquid crystal supply needle fitted to a lower portion of the syringe, for dropping the liquid crystal; and

a liquid crystal constant amount supplying means for supplying the liquid crystal into the syringe by a defined amount.

10 12. A liquid crystal display device manufacturing system according to claim 11, wherein the piston is pushed by air pressure.

15 13. A liquid crystal display device manufacturing system according to claim 11, wherein the liquid crystal constant amount supplying means consists of a plunger type syringe.

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